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PHENOXYETHYL-1,2,4-TRIAZOL-3-ONE ANTIDEPRESSANTS

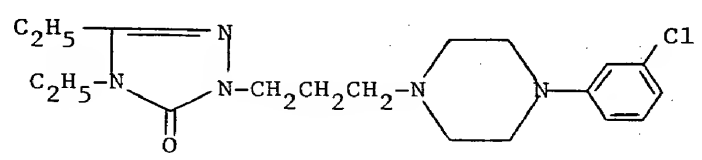
Abstract of the Disclosure

Phenoxyethyl substituted-1,2,4-triazolones having anti-depressant properties typified by 2-[3-[4-(3-chlorophenyl)-1-piperazinyl]propyl]-5-ethyl-4-(2-phenoxyethyl)-2H-1,2,4-triazol-3(4H)-one are disclosed.

Background of the Invention

The present invention relates to 1,2,4-triazole heterocyclic carbon compounds and to their preparation and use. More particularly, the invention relates to 2-[3-[4-(halo-phenyl)-1-piperazinyl]propyl]-5-ethyl-4-(2-phenoxyethyl)-2H-1,2,4-triazol-3(4H)-ones and therapeutic use in treating depression.

U.S. Patent 3,857,845 to G. Palazzo describes the compound 1-[3-(4-meta-chlorophenyl-1-piperazinyl)propyl]-3,4-diethyl- $\Delta^2$ -1,2,4-triazolin-5-one depicted structurally below.



PS Alternatively, the compound can be named 2-[3-[4-(3-chlorophenyl)-1-piperazinyl]propyl]-4,5-diethyl-2H-1,2,4-triazol-3(4H)-one, and is commonly called etoperidone.

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